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P238307

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Keith ALLEN et al. Group Art Unit: 2155  
Appln. No. : 10/628,249 Examiner: Unknown  
Filed : July 29, 2003  
For : BI-LEVEL ADDRESSING FOR INTERNET PROTOCOL BROADBAND  
ACCESS

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, and supplemental to the Information Disclosure Statements filed October 29, 2003, and May 28, 2004, in the instant application, Applicants hereby call the following documents to the Examiner's attention:

United States Patent No. 5,600,644 to CHANG et al., issued February 04, 1997;

United States Patent No. 5,633,869 to BURNETT et al., issued May 27, 1997;

United States Patent No. 5,737,333 to CIVANLAR et al., issued April 07, 1998;

United States Patent No. 5,757,796 to HEBB, issued May 26, 1998;

United States Patent No. 5,781,529 to LIANG et al., issued July 14, 1998;

United States Patent No. 5,809,025 to TIMBS, issued September 15, 1998

United States Patent No. 5,892,763 to LARAQUI et al., issued April 06, 1999

United States Patent No. 5,930,477 to UCHIDA, issued July 27, 1999;

United States Patent No. 5,936,959 to JOFFE, issued August 10, 1999;

United States Patent No. 5,940,394 to KILLIAN, issued August 17, 1999;

United States Patent No. 5,940,396 to ROCHBERGER, issued August 17, 1999;

United States Patent No. 5,946,313 to ALLAN et al., issued August 31, 1999;

United States Patent No. 5,949,782 to WELLS, issued September 07, 1999;

United States Patent No. 5,958,018 to ENG et al., issued September 28, 1999;

United States Patent No. 5,983,332 to WATKINS, issued November 09, 1999;

United States Patent No. 5,991,854 to WATKINS, issued November 23, 1999;

United States Patent No. 6,016,319 to KSHIRSAGAR et al., issued January 18, 2000;

United States Patent No. 6,034,958 to WICKLUND, issued March 07, 2000;

United States Patent No. 6,078,586 to DUGAN et al., issued June 20, 2000;

United States Patent No. 6,081,836 to KARAPETKOV et al., issued June 27, 2000;

United States Patent No. 6,111,881 to SONCODI, issued August 29, 2000;

United States Patent No. 6,122,670 to BENNETT et al., issued September 19, 2000;

United States Patent No. 5,828,844 to CIVANLAR et al., issued October 27, 1998;

United States Patent No. 5,903,559 to ACHARYA et al., issued May 11, 1999;

United States Patent No. 6,021,263 to KUJOORY et al., issued February 01, 2000;

United States Patent No. 6,138,144 to DESIMONE et al., issued October 24, 2000;

United States Patent No. 6,222,842 to SASYAN et al., issued April 24, 2001;

United States Patent No. 6,252,857 to FENDICK et al., issued June 26, 2001;

United States Patent No. 6,314,098 to MASUDA et al., issued November 06, 2001;

United States Patent No. 6,343,322 to NAGAMI et al., issued January 29, 2002;

United States Patent No. 6,343,326 to ACHARYA et al., issued January 29, 2003;

United States Patent No. 6,345,051 to GUPTA et al., issued February 05, 2002;

United States Patent No. 6,385,170 to CHIU et al., issued May 07, 2002;

International Publication No. WO 99/29137, published June 10, 1999;

International Publication No. WO 00/57296, published September 28, 2000;

International Publication No. WO 01/11837, published February 15, 2001;

International Publication No. WO 01/31829, published May 03, 2001;

Abstract of EP 1036450, published on September 20, 2000;

WAN, "ASP Bi-level Addressing & ANS Requirements" (99-0534), dated September 26-October 1, 1999;

WAN, "ASP Bi-level Addressing Architecture" (99-0649), dated November 28-December 4, 1999;

ATM Forum Addressing: Reference Guide" (AF-RA-0106.000), The ATM Forum Technical Committee, dated February 1999;

"ATM Forum Addressing: User Guide version 1.0" (AF-RA-0105.000), The ATM Forum Technical Committee, dated January 1999;

"PNNI Transported Address Stack version 1.0" (AF-CS-0115.000), The ATM Forum Technical Committee, dated May 1999;

"New Capabilities ATM Addressing Document (Draft)" (BTD-RA-ADDR-02.03), The ATM Forum Technical Committee, dated October 1998;

"ATM Name System V2.0 Baseline Text" (BTD-SAA-ANS-02.01), The ATM Forum

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Technical Committee, dated July 1999;

“ATM Bi-Level Addressing Document, Version 1.0” (STR-RA-ADDR-01.00), The ATM Forum Technical Committee, dated July 2000;

“ATM Bi-Level Addressing Document, Version 1.0 (Draft)” (STR-RA-ADDR-01.00), The ATM Forum Technical Committee, dated July 2000;

Specification for RFC 1034, entitled: “Domain Names-Concepts and Facilities”, November, 1987;

Specification for RFC 1035, entitled: “Domain Names-Implementation and Specification”, November, 1987;

Specification for RFC 1995, entitled: “Incremental Zone Transfer in DNS” August 1996; Specification for RFC 1996, entitled: “A Mechanism for Prompt Notification of Zone Changes (DNS NOTIFY),” August, 1996;

Specification for RFC 2065, entitled: “Domain Name System Security Extensions” January 1997;

Specification for RFC 2136, entitled: “Dynamic Updates in the Domain Name System (DNS UPDATE),” April 1997;

Specification for RFC 2137, entitled: “Secure Domain Name System Dynamic Update”, April 1997;

“The Internet Multimedia Conferencing Architecture”, by Handley et al., INET ‘96, June 1996, pages 1-13, [>;](http://www.isoc.org/inet96/proceedings/)

“RSVP-ATM QoS Interworking”, Cisco IOS Release 12.0 (3), 2001, pages 1-34;

“RSVP Over ATM Implementation Requirements”, by Berger, FORE Systems, August 1998, <<ftp://ftp.isi.edu/in-notes/rfc2380.txt>>;

“An Overview of ATM”, <<http://www.rware.demon.co.uk/atm.htm>>, 1999;

“QoS Trials on SuperJANET in the Context of HICID and Other BT/JISC Project”, by Crowcroft et al., November 14, 1997, <<http://www.cs.ucl.ac.uk/research/hicid/jisc-anc.html>>;

“Extensions to RSVP for QoS IP Over Signaled QoS Network”, by Chen et al., SBC Communications, Inc., April 2002, <<http://www.ietf.org/internets-drafts/draft-weiijing-rsvp-sqn-00.txt>>; and

“Resource Reservation Protocol”, Cisco Systems, Inc., published on February 20, 2002, [http://www.cisco.com/univercd/cc/td/doc/cisintwk/ito\\_doc/rsvp.htm](http://www.cisco.com/univercd/cc/td/doc/cisintwk/ito_doc/rsvp.htm).

Further to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. §1.98 (a)(2)(i), copies of the U.S. patents are not enclosed herewith. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned. Copies of the above-noted non-patent documents are attached.

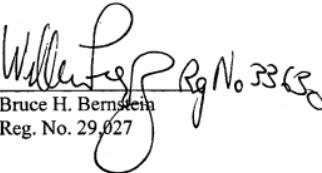
Applicants respectfully request that the Examiner consider the above materials and cite the patent documents. The above-noted documents have been listed on a PTO-1449 Form, which is also attached hereto. Accordingly, the Examiner is requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the Form to Applicants with the next official communication in the present application to confirm consideration of these documents.

Applicants note that an Office Action on the merits of the instant application has not yet issued. Accordingly, no fee is necessary to ensure consideration of this statement.

P23830.A02

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Keith ALLEN et al.

  
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July 27, 2004  
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FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeINFORMATION DISCLOSURE STATEMENT  
BY APPLICANT  
(Use several sheets if necessary)JUL 30 2004  
PATENT & TRADEMARK OFFICEAtty. Docket No.  
P23830Application No.  
10/628,249Applicant  
Keith ALLEN et al.Filing Date  
July 29, 2003Group  
2155

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/MI/	5	6	0	0	6	4	4	02/04/97	CHANG et al.			
/MI/	5	6	3	3	8	6	9	05/27/97	BURNETT et al.			
/MI/	5	7	3	7	3	3	3	04/07/98	CIVANLAR et al.			
/MI/	5	7	5	7	7	9	6	05/26/98	HEBB			
/MI/	5	7	8	1	5	2	9	07/14/98	LIANG et al.			
/MI/	5	8	0	9	0	2	5	09/15/98	TIMBS			
/MI/	5	8	9	2	7	6	3	04/06/99	LARAQUI et al.			
/MI/	5	9	3	0	4	7	7	07/27/99	UCHIDA			
/MI/	5	9	3	6	9	5	9	08/10/99	JOFFE			
/MI/	5	9	4	0	3	9	4	08/17/99	KILLIAN			
/MI/	5	9	4	0	3	9	6	08/17/99	ROCHBERGER			
/MI/	5	9	4	6	3	1	3	08/31/899	ALLAN et al.			
/MI/	5	9	4	9	7	8	2	09/07/99	WELLS			
/MI/	5	9	5	8	0	1	8	09/28/99	ENG et al.			
/MI/	5	9	8	3	3	3	2	11/09/99	WATKINS			
/MI/	5	9	9	1	8	5	4	11/23/99	WATKINS			
/MI/	6	0	1	6	3	1	9	01/18/00	KSHIRASAGAR et al.			
/MI/	6	0	3	4	9	5	8	03/07/00	WICKLUNG			
/MI/	6	0	7	8	5	8	6	06/20/00	DUGAN et al.			
/MI/	6	0	8	1	8	3	6	06/27/00	KARAPETKOV et al.			
/MI/	6	1	1	1	8	8	1	08/29/00	SONCODI			
/MI/	6	1	2	2	6	7	0	09/19/00	BENNETT et al.			
/MI/	5	8	2	8	8	4	4	10/27/98	CIVANLAR et al.			
/MI/	5	9	0	3	5	5	9	05/11/99	ACHARYA et al.			
/MI/	6	0	2	1	2	6	3	02/01/00	KUJOORY et al.			
/MI/	6	1	3	8	1	4	4	10/24/00	DESIMONE et al.			
/MI/	6	2	2	2	8	4	2	04/24/01	SASYAN et al.			
/MI/	6	2	5	2	8	5	7	06/26/01	FENDICK et al.			
/MI/	6	3	1	4	0	9	8	11/06/01	MASUDA et al.			
/MI/	6	3	4	3	3	2	2	01/29/02	NAGAMI et al.			
/MI/	6	3	4	3	3	2	6	01/29/03	ACHARYA et al.			
/MI/	6	3	4	5	0	5	1	02/05/02	GUPTA et al.			
/MI/	6	3	6	5	1	7	0	05/07/02	CHIU et al.			

EXAMINER

Mohamed Ibrahim/

DATE CONSIDERED

08/18/2007

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P23830	Application No. 10/628,249
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Keith ALLEN et al.	
		Filing Date July 29, 2003	Group 2155

## U.S. PATENT DOCUMENTS

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#### FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

/M.I./	1	Abstract of EP 1036450, published on September 20, 2000.
/M.I./	2	WAN, "ASP Bi-level Addressing & ANS Requirements" (99-0534), dated September 26-October 1, 1999.
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EXAMINER /Mohamed Ibrahim/ DATE CONSIDERED 08/18/2007  
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/MI/	1	0	"ATM Bi-Level Addressing Document, Version 1.0 (Draft)" (STR-RA-ADDR-01.00), The ATM Forum Technical Committee, dated July 2000.		
/MI/	1	1	Specification for RFC 1034, entitled: "Domain Names-Concepts and Facilities", November, 1987.		
/MI/	1	2	Specification for RFC 1035, entitled: "Domain Names-Implementation and Specification", November, 1987.		
/MI/	1	3	Specification for RFC 1995, entitled: "Incremental Zone Transfer in DNS" August 1996.		
/MI/	1	4	Specification for RFC 1996, entitled: "A Mechanism for Prompt Notification of Zone Changes (DNS NOTIFY)," August, 1996.		
/MI/	1	5	Specification for RFC 2065, entitled: "Domain Name System Security Extensions" January 1997.		
/MI/	1	6	Specification for RFC 2136, entitled: "Dynamic Updates in the Domain Name System (DNS UPDATE)," April 1997.		
/MI/	1	7	Specification for RFC 2137, entitled: "Secure Domain Name System Dynamic Update", April 1997.		
/MI/	1	8	"The Internet Multimedia Conferencing Architecture", by Handley et al., INET '96, June 1996, pages 1-13, <a href="http://www.isoc.org/inet96/proceedings/">http://www.isoc.org/inet96/proceedings/</a> .		
/MI/	1	9	"RSVP-ATM QoS Interworking", Cisco IOS Release 12.0 (3), 2001, pages 1-34.		
/MI/	2	3	"RSVP Over ATM Implementation Requirements", by Berger, FORE Systems, August 1998, <a href="ftp://ftp.isi.edu/in-notes/rfc2380.txt">ftp://ftp.isi.edu/in-notes/rfc2380.txt</a> .		
/MI/	2	1	"An Overview of ATM", < <a href="http://www.rware.demon.co.uk/atm.htm">http://www.rware.demon.co.uk/atm.htm</a> >, 1999.		
/MI/	2	2	"QoS Trials on SuperJANET in the Context of HICID and Other BT/JISC Project", by Crowcroft et al., November 14, 1997, <a href="http://www.cs.ucl.ac.uk/research/hicid/jisc-anc.html">http://www.cs.ucl.ac.uk/research/hicid/jisc-anc.html</a> .		
/MI/	2	3	"Extensions to RSVP for QoS IP Over Signaled QoS Network", by Chen et al., SBC Communications, Inc., April 2002, < <a href="http://www.ietf.org/internets-drafts/draft-weiqing-rsvp-sqn-00.txt">http://www.ietf.org/internets-drafts/draft-weiqing-rsvp-sqn-00.txt</a> >.		
/MI/	2	4	"Resource Reservation Protocol", Cisco Systems, Inc., published on February 20, 2002, <a href="http://www.cisco.com/univercd/cc/td/doc/cisintwk/ito_doc/rsvp.htm">http://www.cisco.com/univercd/cc/td/doc/cisintwk/ito_doc/rsvp.htm</a> .		
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